MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1929

J. A. BROWN, DIRECTOR

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DEC 26 1929
WEATHER BUREAU

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SEPTEMBER 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.2	57.1	58.3	57.5	31.5	26.1	29.9	28.8	27.4	28.7
2	8.1	7.4	7.6	7.7	31.9	25.6	29.1	29.8	26.7	28.5
3	1	8.0	8.4	8.2	31.6	25.0	28.1	28.6	26.3	27.7
4	8	8.5	8.6	8.6	30.7	25.2	26.7	29.1	27.5	27.8
5	0	7.5	7.2	7.6	31.4	26.6	28.9	29.8	28.0	28.9
6	57.8	57.1	57.4	57.4	31.2	27.2	29.4	30.6	28.1	29.4
7	8.0	7.6	7.6	7.7	32.2	25.3	29.4	31.4	25.8	28.9
8	7.2	6.6	6.8	6.9	32.0	23.9	28.4	30.5	26.3	28.4
9	5,6	5.8	7.5	6.3	31.1	24.1	27.6	26.9	23.4	26.0
10	60.2	60.3	61.0	60.5	29.4	20.8	25.6	26.0	25.2	25.6
11	61.3	60.4	60.2	60.6	27.2	21.1	27.1	29.1	26.1	27.4
12	59.2	57.9	57.5	58.2	30.6	23.6	27.5	29.4	26.1	27.7
13	6.1	5.0	5.8	5.6	31.2	22.3	27.4	26.1	25.8	26.4
14	7.2	7.3	8.7	7.7	32.2	22.8	28.8	29.4	26.3	28.2
15	60.3	60.0	60.4	60.2	31.8	23.2	27.8	30.1	25.0	27.6
16	61.1	60.6	60.0	60.6	30.6	21.7	27.7	29.0	28.2	28.3
17	59.3	58.6	59.0	59.0	29.8	23.3	26.2	26.3	24.7	25.7
18	60.2	59.8	60.7	60.2	29.8	23.5	26.8	28.5	23.8	26.4
19	0.8	60.4	0.7	0.6	29.6	21.3	26.6	27.9	23.9	26.1
20	1.0	0.3	0.3	0.5	30.0	22.1	27.2	29.9	24.9	27.3
21	60.2	59.5	59.9	59.9	30.1	22.2	27.0	29.4	23.8	26.7
22	59.3	7.9	8.1	8 4	29.8	21.1	26.5	28.3	23.6	26.1
23	7.9	7.0	6.7	7.2	28.0	21.3	25.4	28.0	23.8	25.7
24	6.4	7.5	7.4	7.1	28.6	21.8	26.7	26.5	23.8	25.7
25	6.4	9.2	61.1	8.9	29.4	22.4	29.2	28.1	24.9	27.4
26	62.4	61.7	60.5	61.5	29.6	21.5	26.5	28.4	24.6	26.5
27	58.5	57.2	58.7	58 1	29.5	23.3	29.8	32.3	27.0	29.7
28	58.2	57.1	58.9	58.1	33.9	26.7	29.8	29.7	26.5	28.7
29	61.4	61.8	62.4	61.9	33.8	23.8	27.4	28.1	24.4	26.6
30	3.1	2.0	3.2	2.8	29.4	23.9	25.7	27.7	23.6	25.7
	58.98	58.57	59.09	58 85	30.60	23.42	27.67	28.79	25.52	27.33

Barometer, Range for month 755.0-763.2 m.m.

,, 50-yr. average for month 758.96 m.m.

Thermometer, Range for month 20.8-33.9

,, 50-yr. average for month 27.13

Rain, total for month 4.32 m.m.

,, , 50-yr average for month 7.37m.m.

,, , total. Sept. 1st to end of month 4.32m.m.

,, , 50-yr average, Sept. 1st to end of month. 7.37m.m.

SEPTEMBER 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	25.1	25.2	24.3	19.5	20.7	19.9	20.0	62	70	73	68	5.2	
2	24.9	25.0	23.7	19.8	19.5	19.3	19.5	66	62	74	67	7.4	
3	26.6	24.1	23.4	19.6	18.7	18.6	19.0	70	64	74	69	4.5	
4	23.9	25.0	24.4	19.2	20.0	20.1	19.8	75	66	74	72	3.6	
5	25.2	25.8	25.2	20.6	21.2	21.4	21.1	70	68	76	71	5.7	
6	26.1	26.4	25.0	22.1	22.5	20.8	21.8	71	67	74	71	8.0	
7	25.7	26.1	23.6	21.5	20.4	19.8	20.6	71	59	79	70	10.5	
8	23.4	24.1	22.3	17.1	17.3	17.0	17.1	57	53	66	59	10.0	
9	22.8	21.9	18.2	17.0	15.9	12.3	15.1	61	59	57	59	7.6	4.32
10	18.3	21.6	18.2	11.4	16.0	11.4	12.9	47	64	48	53	11.4	
11	19.1	21.2	20.9	11.7	13.5	14.7	13.3	43	44	58	48	11.6	
12	20.6	24.7	22.7	13.4	19.3	17.9	16.9	49	63	71	61	11.2	
13	23.3	21.8	22.4	18.0	16.3	17.6	17.3	66	64	71	67	11.2	
14	22.7	23.1	21.9	16.1	16.2	16.3	16.2	55	53	63	57	11.2	
15	23.2	24.4	22.6	15.6	18.2	18.3	17.4	56	57	77	63	11.0	
16	23.2	23.3	22.2	17.7	17.1	15.6	16.8	64	57	55	59	9.5	
17	22.7	23.5	21.3	17.9	19.2	16.4	17.8	71	76	71	73	8.8	
18	22.6	23.2	20.6	17.1	17.2	15.6	16.6	65	58	70	64	10.0	
19	22.1	22.6	21.7	16.4	16.4	17.6	16.8	63	58	80	67	11.2	
20	23.9	24.7	23.0	19.2	18.9	19.3	19.1	72	60	81	71	11.0	
21	23.3	23.8	21.5	18.3	17.7	17.3	17.8	70	58	78	69	11.3	
22	22.1	22.0	19.7	16.4	15.3	14.4	15.4	63	53	66	61	11.2	
23	20.8	22.3	21.1	15.0	15.8	16.5	15.8	62	56	74	64	10.8	
24	21.9	22.6	20.7	16.0	17.4	16.0	16.5	61	67	73	67	10.0	
25	22.9	23.3	21.5	15.3	17.6	16.6	16.5	51	62	71	61	9.4	
26	21.3	23.3	22.3	15.1	17.3	18.3	16.9	60	60	79	66	10.6	
27	24.9	22.9	22.7	19.4	14.4	17.2	17.0	62	40	65	56	9.8	
28	25.5	25.8	19.5	20.6	21.2	14.0	18.6	66	68	54	63	10.0	
29	24.4	26.6	20.3	20.1	24.4	15.6	20.0	74	87	69	77	4.2	
30	20.2	21.4	19.5	12.7	14.7	14.0	13.8	45	54	64	54	9.5	
31													
	23.09	23.72	21.88	17.33	18.01	16.99	17.41	62.3	60.8	69.5	64.2	9.25	0.144

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

SEPTEMBER 1929

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	8cu	10ci	4cu	7.3	1w	1sw	1w	306.3	light	
2	3ci	8cicu	8cicu	6.3	1w	1nw	0	115.9	,,	
3	6ci	10cu	4cicu	6.7	0	1w	0	67.0	calm	
4	10cu	10cu	10cicu	10.0	0	1n	0	63.4	,,	tr. rain
5	3ci	9cicu	3ci	5.0	3n	4n	2n	141.3	mod.	tr.
6	4cicu	3cicu	10cu	5.7	1sw	1ne	0	84.7	light	
7	3cicu	0	0	1.0	1sw	1nw	0	174.3	,,	
8	3ci cu	2cicu	3cicu	2.3	1w	2sw	1sw	193.1	,,	
9	6ci cu	6ci	3ci	5.0	2w	2w	1w	357.7	mod.	
10	2ci	0	0	0.7	4n	5n	5n	298.2	rough	mod. gale
11	0	0	0	0.0	1n	1n	2n	186.7	light	
12	0	0	0	0.0	1n	2n	0	177.2	,,	
13	0	0	0	0.0	1w	0	1w	126.0	,,	
14	0	0	0	0.0	0	4n	3n	81.1	mod.	
15	0	0	0	0.0	0	1nw	0	174.1	light	
16	0	2ci	8cicu	3.3	0	1n	1n	37.8	,,	
17	6ci	2cicu	1ci	3.0	0	1nw	0	39.1	calm	
18	1ci	1cu	0	0.7	0	0	0	26.3	calm	
19	0	0	2ci	0.7	0	0	0	64.9	calm	
20	2cu	1ci	0	1.0	0	1nw	0	127.1	,,	
21	2ci	0	0	0.7	0	0	0	55.0	,,	haze a.m.
22	4ci	0	0	1.3	0	1nw	0	53.3	,,	
23	0	1ci	0	0.3	0	1nw	0	125.0	light	
24	2ci	3ci	0	1.7	1sw	2w	0	464.5	light	haze a.m.
25	2ci	8cicu	6ci	5.3	3w	2w	1w	405.8	mod.	haze a.m.
26	4ci	2c	0	2.0	1w	2nw	0	266.3	light	
27	0	0	0	0.0	1w	0	1nw	157.4	light	
28	0	2ci	0	0.7	0	1ne	2ne	231.7	light	
29	4cistr	8ni	4str.	5.3	2sw	4sw	1sw	86.3	mod.	
30	8ci	1cu	0	3.0	2sw	1nw	0	44.9	light	
								157.75		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	4	0	0	0	0	5	8	0	13
14:30	7	2	0	0	0	3	4	9	5
20.30	5	1	0	0	0	2	4	1	17
Totals	16	3	0	0	0	10	16	10	35

Number of days with rain 1, fog 0, thunderstorms 0, gales 1.
50-yr average number of days with rain during month 1.2